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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/820,749	04/09/2004	Sang-hak Kim	1572.1271	8795

21171 7590 02/09/2007  
STAAS & HALSEY LLP  
SUITE 700  
1201 NEW YORK AVENUE, N.W.  
WASHINGTON, DC 20005

EXAMINER
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YENKE, BRIAN P

ART UNIT	PAPER NUMBER
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2622

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	02/09/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

**Office Action Summary**

Application No.

10/820,749

Applicant(s)

KIM, SANG-HAK

Examiner

BRIAN P. YENKE

Art Unit

2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on Response (22 Jan 07).
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3,5 and 6 is/are rejected.
- 7) ☒ Claim(s) 4 and 7-18 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |                                                                                                            |                                                                                         |
|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                                           | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____                                                |

**DETAILED ACTION**

***Response to Arguments***

1. Applicant's arguments filed 22 Jan 07 have been fully considered but they are not persuasive.

***Applicant's Argument's***

- a) Applicant states that neither Yasuo nor Bortolotto disclose a "a projection television".
- b) Applicant states Yasuo is silent regarding any supporting unit provided on an inside of the body casing and supporting a bottom of the screen.
- c) Applicant states that Bortolotto fails to disclose a supporting unit as well as a drain hole.
- d) Applicant traverses the examiner's "OFFICIAL NOTICE" regarding drain holes.

***Examiner's Response***

a) The examiner disagrees. Given the broadest reasonable interpretation of the claimed invention both Yasuo and Bortolotto disclose/illustrate the use of a CRT (Cathode Ray Tube) which by definition is used to project light onto a screen/display. The claim does differentiate nor limit itself to a front projection or alternatively a rear projection system, thus the limitation is still met by the references as shown below.

b) The examiner disagrees. Given the broadest reasonable interpretation, the inside of the casing as illustrated by Yasuo, supports the entire TV receiver including the screen, since if it wasn't supported it wouldn't be stationary, nor would the casing be able to hold the weight of the system, thus the limitation is met.

c) The examiner disagrees. As stated above in item b, with respect to Yasuo, the same analogy remains, since the enclosure is able to hold the display/TV, the system is able to support the system including the screen. Regarding the drain hole, the examiner disagrees, since Bortolotto disclose that the bottom of the box-like structure is provided with holes or grilles connected to the outside to communicate with the atmosphere, thereby discharging moisture in the system in addition to allowing the system to maintain correspondence with the atmosphere, thus the limitation is met.

Art Unit: 2622

d) The examiner directs the applicant's intention to Yasuo and Bortolotto which disclose drain holes/grilles.

***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2a. Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Yasuo, US 5,014,909.

In considering claims 1,

Yasuo discloses a television 3 which includes a screen as shown (Fig 4), which includes a body, as well as a body of the container case 5, wherein the case forms an outer appearance and supports a bottom of the screen as shown, wherein the case also includes a drain hole 4, which discharges moisture from the dehumidifier in the case and the TV/screen.

1b. Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Bortolotto, EP-700209 (Derwent 1996-131131).

In considering claim 1,

Bortolotto discloses a TV cabinet (10) integrated into a modular furniture structure (12), to enclose CRT 19, wherein the structure includes holes or grilles (17,18,25,26) to communicate with the atmosphere (thus discharging moisture).

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said

Art Unit: 2622

subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-3 and 5-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over AAPA

(Applicant's Admitted Prior Art (Figs 5-6).

In considering claim 1,

As disclosed by applicant, AAPA (Figs 5-6) discloses the claimed screen, the claimed body, the claimed supporting.

However, AAPA does not explicitly recite the use of a drain hole.

Since the use of a drain hole at the bottom (or multiple positions) is well known in the art the examiner will take "OFFICIAL NOTICE" regarding such, since the use of holes for reducing/removing moisture in such an apparatus has been previously done. In the event the applicant wishes to traverse such notice, the examiner notes the above cited references, Yasuo and Bortolotto.

In considering claims 2-3 and 5-6,

AAPA (Figs 5-6) disclose the claimed insertion groove 110 which includes first/second insertion grooves (Fig 6, 111, 112) which are formed a different levels.

Regarding the limitation "to discharge moisture", since the Prior Art is situated in the same position as claimed, the intended use/different purpose for a same device is not a patentable feature.

AAPA also discloses the lenticular lens on the front and the fresnel sheet on a rear of the screen.

#### ***Conclusion***

4. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

Art Unit: 2622

the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian Yenke whose telephone number is (571)272-7359. The examiner work schedule is Monday-Thursday, 0730-1830 hrs.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's Supervisor, David L. Ometz, can be reached at (571)272-7593.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**or faxed to:**

**(571)-273-8300**

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703)305-HELP.

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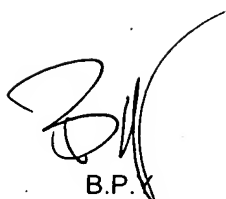
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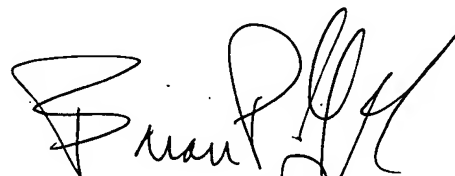
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B.P.  
06 February 2007



BRIAN P. YENKE  
PRIMARY EXAMINER